

1. (previously presented) A bioadhesive, film-forming composition for application to mammalian skin, said composition comprising,
  - a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;
  - b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft Copolymer; said composition further being comprised of hydrophilic or hydrophobic carriers or a mixture of the same; and said composition forming a hydrophilic but water insoluble bioadherent polymeric film on the skin.
2. (original) The film-forming composition of Claim 1, wherein said composition comprises from about 0.3 to about 5% by weight of the graft Copolymer.
3. (original) The composition of Claim 1, comprising from about 0.3% Copolymer to about 3% Copolymer.
4. (original) The composition of Claim 1, as a solution, emulsion, dispersion, lotion, cream, film, or petrolatum or wax based preparation.
5. (original) The film-forming composition of Claim 1, wherein said composition is a non-aqueous formulation.
6. (original) The film-forming composition of Claim 1, further comprising a biologically active agent.
7. (original) The film-forming composition of Claim 4, further comprising a biologically active agent.
8. (original) A method of treatment of mammalian skin comprising applying to the said skin, an effective amount of a composition of Claim 1.
9. (withdrawn, currently amended) A skin moisturizer comprising the aqueous formulation of

## Claim 1.

10. (original) The method of Claim 8, wherein the method of applying the composition is selected from the group consisting of a spray, a roll-on, immersion, dipping, applying by brush, or spattering.
11. (previously presented) A stable gel, comprising the homogenized formulation of
  - a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;
  - b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer; in an aqueous formulation, said composition forming a hydrophilic but water-insoluble bioadherent polymeric film on the skin.
12. (withdrawn, currently amended) A foam stabilizer, comprising the composition of Claim 1.
13. (withdrawn, currently amended) A detergent comprising the foam stabilizer of Claim 12.
14. (withdrawn, currently amended) A shampoo comprising the foam stabilizer of Claim 12.
15. (withdrawn, currently amended) A hair conditioner comprising the composition of Claim 1.
16. (currently amended) A method of treatment of mammalian skin, comprising a transdermal, sustained release of a biologically active agent from the bioadhesive, film-forming composition comprising,
  - a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, <sup>30</sup> some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;
  - b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer;
  - c) an effective amount of the biologically active agent; said composition further being comprised of hydrophilic or hydrophobic carrier or a mixture

polymeric film on the skin.

17. (previously presented) A method of systemic treatment of mammal tissue, comprising a transdermal, sustained release of an active agent from the bioadhesive, film-forming composition comprising, a) from about 0.3% to about 10% by weight of the total composition, of a graft Copolymer, comprising a hydrophilic polymer main chain comprising monomeric units, some of which have acidic groups, and a hydrophobic polymeric side chain comprising polystyrene;
  - b) from about 0 to about 75% of water soluble polymer by weight, based on the combined weights of the water soluble polymer and the graft copolymer;
  - c) an effective amount of the biologically active agent; said composition further being comprised of hydrophilic or hydrophobic carrier or a mixture of the same; and said composition forming a hydrophilic but water insoluble bioadherent polymeric film on the skin.
18. (original) A face make up, comprising the composition of Claim 1.
19. (withdrawn, currently amended) A lipstick comprising the composition of Claim 1.
20. (withdrawn, currently amended) A mascara comprising the composition of Claim 1.